

CONSTRUCTION ALONG OR ACROSS CITY RIGHT-OF-WAY

CONSTRUCTION NOTES

1. The City shall exercise full control of all excavating, construction and other encroachments into City right-of-way. The Department of Public Works Inspection shall be notified at least 48 hours prior to commencing construction.
2. No open-cut crossings of City streets shall be made without an approved Street and Curb Permit (Right of Way Permit).
3. All open-cuts of City streets shall be as follows:
 - a. Existing paved surface will be saw-cut one foot outside excavation perimeter. Excess saw cutting debris shall be removed with a vacuum device and disposed of properly.
 - b. Controlled Density Fill (CDF) will be required as backfill material, see Standard Detail Drawing No. 201 (Typical Trench Detail).
 - c. Select backfill alternate may be approved by the City in certain circumstances.
4. Final restoration of open-cut pavement sections shall match the existing condition (depth and material). The minimum standards are as follows:

Asphalt Conc. Pavement

Remove either seven (7) inches of CDF or asphalt cold mix patch as appropriate. Saw-cut and trim edges of existing road surface to a neat line and then apply asphalt tack coat. Place a 4-inch minimum compacted thickness of Asphalt Treated Base. Level to conform to adjacent surfaces and then place a 3-inch minimum compacted thickness of Asphalt Concrete Pavement Cl. "A".
If the restoration is deemed inadequate by the City, the Contractor shall grind and overlay the full width of roadway.

Cement Conc. Pavement

Remove nine inches of patching material and place a 9--inch thick section of Cement Concrete Pavement.

5. Shoulders disturbed by excavation shall be re-shaped to original condition and surfaced with a minimum 3" thickness of crushed surfacing top course (per 9-03.9(3) of the Standard Specifications. Required compaction shall be 90% of maximum density as determined by Modified Proctor (ASTM 1557).
6. Trench Construction outside of the roadway (landscaped areas, utility strips, etc.) shall be accomplished as follows:
 - a. Pipe shall be bedded in granular material meeting section 9-03.15 of the Standard Specifications.
 - b. Backfill shall be compacted to a minimum of 85% of maximum density as determined by Modified Proctor (ASTM D1557) at or below optimum moisture content using a maximum of one-foot lifts.
 - c. Topsoil meeting section 9-14.1 (1) shall be placed on all areas requiring seed or sod to the following depth.
 - (1) Seed - 4" of topsoil
 - (2) Sod - 3" of topsoil
7. Existing drainage ditches, culverts, etc., shall be kept clean at all times. Temporary diversion of any drainage system shall not be permitted without prior approval. Any drainage culverts, catch basins, manholes, etc., damaged by excavation shall be repaired or replaced using new materials as directed.
8. If, in the opinion of the Department of Public Works, it appears that the traveled roadway is, or may become, unsafe for the traveling public due to weather or any other reason, all work shall cease immediately, and clean-up shall be promptly accomplished.
9. The length of open trench on streets shall be a maximum of 200 lineal feet.
10. All pipe placed along City right-of-way for future installation shall be kept at a safe distance from the traveled roadway and in such a manner as to prevent accidental rolling onto roadway or sidewalk areas.
11. Final clean-up, including complete restoration of shoulders, cleaning of ditches, culverts and catch basins, removal of loose material from backslope of ditches, shall not exceed 1500 lineal feet behind excavating operations.

12. The street surface shall be kept continually clean with a power sweeper or other approved means.
13. No excess material or unsuitable material shall be wasted on City right-of-way without approval.
14. All materials shall be readily available to the job site and provisions shall be made to complete the construction in one continuous operation. Failure to comply shall result in excavation being halted until such time as the conditions are corrected.
15. Final inspection and approval:
 - a. On-site inspection during construction shall be provided by the City of Redmond and/or special inspection employed by the owner as approved by the City of Redmond.
 - b. The use of newly constructed utilities shall not be permitted until final inspection and approval of the entire construction site have been made unless special written permission is obtained from the Director of Public Works, or designated representative.
 - c. Prior to final approval of construction, restoration of the area will be complete, and a visual inspection of the site will be made by the Department of Public Works, or designated representative.

TRAFFIC CONTROL

1. All signs, barricades and related equipment and their use must be in accordance with Part VI, "Traffic Controls for Highway Construction and Maintenance Operations," of the Manual on Uniform Traffic Control Devices, as prepared by the National Joint Committee on Uniform Traffic Control Devices.
2. A Traffic Control Plan shall be submitted 5 days prior to commencement of work to the Construction Division for review and approval.
3. Particular attention should be made to the following items:
 - a. There shall be at all times reasonable pedestrian and vehicular access to and from the properties impacted by the project.
 - b. During non-working hours, the contractor shall keep the existing traffic lanes clear for traffic without interference from his operations.

- c. Signs and barricades shall be supplemented by flasher units during the hours of darkness, at construction sites in close proximity to vehicular and pedestrian ways.
 - d. Any asphalt concrete pavement, crushed surfacing, gravel base, asphalt cold patch mix, or water required for maintaining traffic during the project shall be placed by the contractor immediately upon request by the City.
 - e. All unattended excavations shall be properly covered, barricaded, or fenced.
 - f. Any work within the right-of-way that involves closing streets or hampering the flow of traffic will require 48 hours advance notification, except in the event of an emergency, to the following:
 - (a) Fire Department, 556-2200
 - (b) Police Department, 556-2500
 - (c) Construction Division 556-2723
 - (d) P/W receptionist, 556-2701
 - (e) METRO, 684-1705 (24-Hour Number) or 206-684-1111
 - (f) Lake Washington School District – Business Hours call 425-882-5128, after hours call 425-868-3885
4. Any construction work on a major arterial roadway or within a controlled intersection which will impact the flow of traffic, may be required to take place during off-peak hours (i.e. 8:00 p.m. to 5:30 a.m.) or on weekend days as determined by the City of Redmond. This work shall also require the assistance of an off-duty police officer for traffic control purposes.
- The need for City inspection outside of normal working hours (7:00 a.m. to 3:30 p.m.) may require the Contractor/Owner to reimburse the City for overtime costs in accordance with the Policy on Overtime Rate Reimbursement.
5. The procedure for temporary closure or restriction of any street, road or highway is subject to section 10.24.047 of the Redmond Municipal Code.